

Peak District National Park

Forecast valid from 00:00 on Sunday 16 Apr 2023 until 23:59 on Monday 17 Apr 2023

Forecast Issued on Saturday 15 Apr 2023 at 15:07

Confidence: High for fairly settled conditions, with cloudy days on Sunday and Monday. Lower confidence for fog and cloud details.

Headline for Sunday 16 Apr 2023: After a hazy start, some low cloud pushing in from the west during the afternoon and evening.

Mountain weather hazards on Sunday 16 Apr 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Cloudy	Cloudy	Cloudy	Dull	Dull	Cloudy	Cloudy	Cloudy
Precipitation probability							
10%	10%	10%	20%	20%	10%	10%	10%

Forecast for Sunday 16 Apr 2023

Weather: Dry with high cloud through the early hours of Sunday, although eastern parts of the park may see some fog and low cloud on slopes, this soon clearing after daybreak. Some hazy sunshine possible first thing, before cloud thickens up and lowers from the west by late morning. One or two spots of light rain possible, but generally remaining dry. Cloudy and dull afternoon for most, perhaps a few brighter moments in the east if cloud breaks.

Chance of cloud-free hill tops above 600m: 30% for eastern slopes in early fog, increasing to 80%. Becoming 70% for west through afternoon.

Low cloud and visibility: High cloud through the morning will give some very good views of surrounding peaks. Visibility briefly very poor in any fog or low cloud on eastern slopes first thing. Cloud thickening and lowering from the west during the late morning, with extensive cloud in the west dropping to around 600m. Cloud remaining through the rest of the day, with eastern parts of the park likely seeing clearer summit tops with the odd sunny spell possible. Visibility generally good to very good, dropping to poor or very poor in low cloud on summits.

Forecast for Sunday 16 Apr 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/16 S	12/17 S	9/12 SW	7/10 SW	8/11 SW	7/10 SW	5/7 SW	4/6 S	6/8 SE
300	9/16 SE	9/15 S	5/8 S	5/8 S	6/10 SW	6/9 SW	4/6 SW	4/6 SE	4/5 SE
Valley	5/13 SE	4/13 S	4/9 SE	4/8 S	5/10 SW	5/9 SW	3/6 SW	3/6 SE	3/6 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/3	7/3	6/3	6/3	7/5	8/6	8/6	7/6	7/5
300	8/6	8/6	8/6	8/7	10/8	10/9	10/9	9/8	8/7
Valley	8/6	8/7	8/7	9/8	11/10	11/10	11/11	10/9	9/8
Freezing Level*	1300m	1400m	1500m	1700m	2200m	2200m	2100m	2100m	2000m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Nothing of note.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 14 Apr 2023	5.4mm	24.6mm	33mm

Forecast for Monday 17 Apr 2023

Weather: Dry with low cloud across most of the park through early Monday morning. Cloud breaking and lifting through the morning, with clear skies and sunshine developing into the afternoon. Low cloud and fog may push into eastern slopes late into the evening.

Maximum wind: Southeasterly 10mph.

Chance of cloud-free hill tops above 600m: 70% early, improving to greater than 95% later.

Low cloud and visibility: Occasional low cloud at first, with bases down to around 500-600m. Lifting to above the summits through the morning, with clear skies later. Visibility generally good to start, falling to poor or very poor in low cloud, and then becoming excellent through the afternoon as skies clear.

Temperature: **Valleys:** Plus 7 Celsius, rising to Plus 13 Celsius.
At 600m: Plus 6 Celsius, rising to Plus 10 Celsius.
Freezing level: Comfortably above the summits.